

Software, Services and Suppliers Section

S⁴

This is the reference section in the *Technical and Software Bulletin* which is designed to offer a selection of appropriate software, equipment and services suppliers for geomorphologists and environmental scientists. S⁴ is in two parts. First, a list of product codes is given, and then the names of commercial companies offering products are listed under the relevant headings. The list, and therefore the entries, necessarily reflect the editor's experience but should indicate the future scope of the section. The full name and contact address of each is then given in the second part of this section. Readers and users are invited to comment on the list or to suggest additional names for inclusion in future editions of the *Bulletin*. Alternatively, suppliers who may wish to be included are invited to contact Chris Windass at the School of Geography and Earth

Resources, The University of Hull, Hull, HU6 7RX, U.K.

The product codes used in this edition of the *Bulletin* are taken from the following list: Accessories, Anemometers, Buoys, Charts, Chart recorders, Connectors, Consultants, Corers, Courses, Current meters, Data acquisition cards, Electronic components, Geotechnical equipment, Hydrographic surveying, Maps, Meteorological information, Meteorological instruments, Microcomputers, Pollution sensors, Publications, Satellite imagery, Sediment grabs, Software, Surveyors, Suspension sensors, Telemetry systems, Temperature sensors, Tide gauges, Water chemistry sensors, Water level recorders, Wave recorders, Weather stations.

PRODUCT CODES

Accessories

InterOcean (cable winches, releases)
OTT (cable drums)
Valeport (cable winches)
Wavemaking Technology (waves)

Anemometers

Autonnic Research (speed and direction)
TSI Inc. (laser Doppler)
Vaisala (speed and direction)
Vector Instruments (speed and direction)

Buoys

Balmoral Group Ltd (buoys and platforms)
InterOcean (byoys)

Chart recorders

Chessell Ltd (paper)

Connectors

Valeport (electrical)

Consultants

Arco Consultants (planning)

Corers

Valeport (grabs)

Courses

RMCS (software courses)

Current meters (cm)

Aanderaa (rotor cm)
Concepts (impellor cm)
Endeco (propellor cm)
General Oceanics (winged cm)
Grundy (impellor cm)
InterOcean (electromagnetic cm)
Kaijo Sonic (electromagnetic cm)
Kent (electromagnetic cm)
Marsh McBirney (electromagnetic cm)
NBA (electromagnetic and impellor cm)
NSW Offshore (electromagnetic cm)
Neil Brown (acoustic cm)
Oceano Instruments (electromagnetic cm)
Oceano Instruments (acoustic cm)
OTT (impellor cm)
Salzgitter Elektronik GmbH (acoustic cm)
Seadata (electromagnetic cm)
Sensordata (acoustic cm)
Simrad (acoustic cm)
Suber (rotor cm)
Tamo Ltd (flowmeters)
TSI (laser Doppler cm)
Valeport (electromagnetic cm)
Valeport (impellor cm)

Data acquisition cards

Biodata Ltd
Data Translation Inc.
Heithley Instruments Ltd
Laboratory Technologies Inc.
Metrabyte Corporation
National Instruments
Scientific Solutions
Strawberry Tree Inc.
Unkel Software Inc.

Depth sensors

Oceano Instruments (oceanographic)
OTT (water level recorders)
Valeport (oceanographic)

Hydrographic surveying

Marine Microsystems Ltd (Roxann system)

Sedimen grabs

Wykenham Farrance

Software

BORES (Signal processing)
PRISE (Plume Rise and Dispersion Model,
Computational Mechanics Publications)
Institute of Hydrology (Hydrological Research)

Suspension sensors

OTT (bottle sampler)

Telemetry systems

NBA
Ormston

Temperature sensors

Vaisala (meteorology)

Tide gauges

Aanderaa (pressure sensors)
Valeport (pressure transducers)
InterOcean (pressure sensors)
NBA (pressure sensors)
SR&D (acoustic)

Water chemistry sensors

InterOcean (conductivity/salinity)
Neil Brown (conductivity/salinity)
NSW Offshore (conductivity, O₂ etc.)
Oceano Instruments (conductivity)
Valeport (conductivity/salinity)

Wave recorders

Datawell by (accelerometer buoy)
Endeco (buoy system)
InterOcean (pressure sensors)
Kaijo Sonic (em and pt)
Micro a/s (wave radar)
NBA (buoy)
Seadata (pressure sensor)
Seatex a/s (3D accelerometers)

Weather stations

Vaisala (direct and automatic)
Vector Instruments (direct and automatic)

CONTACT DETAILS

The *italicized* entries indicate the product codes supported by each organization. Main offices only are given for international companies (with U.K. offices if appropriate).

Aanderaa Instruments, Fanaveien 13, PO Box 160, 5051 Bergen, Norway. Tel: +47 5 13 25 00. *Current meters*

Arco Consultants. *Planning*

Autonnic Research, Tollesbury, Essex, CM9 8SE, U.K. Tel: 01621 869460. *Anemometers*

Balmoral group Ltd, Minto Drive, Altens Industrial Estate, Aberdeen, AB1 4WL, U.K. Tel: 01224 872100. Fax: 01224 897714. *Buoys*

Biodata Ltd, 10 Stocks St, Manchester, M8 8QG, U.K. Tel: 0161 834 6688. *Data acquisition cards*

Bores, 39 Hawkswell Close, Woking, Surrey, GU21 3RS, U.K. Tel: 01483 740138. Fax: 01483 740136. *Signal processing software*

Chessell Ltd, Dominion Way, Worthing, West Sussex, BN14 8QL, U.K. Tel: 01903 205222. Fax: 01903 203767. *Chart recorders*

Computational Mechanics Publications, Ashurst Lodge, Ashurst, Southampton, SO4 2AA, U.K. Tel: 01703 293223. Fax: 01703 292853.

Concepts (Laleham) Ltd, 204 Thames Side, Laleham, Middlesex, TW18 2JN, U.K. Tel: 01784 55695. *Current meters*

Data Translation Inc. The Mulberry Business Park, Fishponds Road, Wokingham, Berks, RG11 2QJ, U.K. Tel: 01734 793838. *Data acquisition cards*

Datawell bv, Zomerluststraat 4, 2012 LM Harlem, The Netherlands, Tel: +31 23 316053. *Wave recorders*

Endeco Inc., 13 Atlantis Drive, Marion, MA 02738, U.S.A. Tel: +1 617 748-0366. *Current meters, wave recorders*

General Oceanics, 1295 NW 163rd Street, Miami, Florida, 33169, U.S.A. Tel: +1 305 621-2882. Fax: +1 305 621-1710. *Current meters*

Grundy Environmental Systems Inc. 3939 Ruffin Road, San Diego, CA 92123, U.S.A. Tel: +1 714 278-6500.

Institute of Hydrology, Maclean Building, Crowmarsh Gifford, Wallingford, Oxfordshire, OX10 8BB, U.K. Tel: 01491 838800. *Software: Hyqual, Winfap, PC-Quasar, Swips, EIS, Phabsim, Micro Low Flows, Hydata*

InterOcean Systems Inc., 3540 Aero Court, San Diego, California 92123-1799, U.S.A. Tel: +1 619 565 8400. Fax: +1 619 297-6180. *Accessories, buoys, current meters, tide gauges, water chemistry sensors, wave recorders*

Kaijo Sonic, via BIRAL, PO Box 2, Portishead, Bristol, BS20 9JB, U.K. Tel: 0117 984 7787. Fax: 0117 984 7303. *Current Meters, wave recorders*

Keighley Instruments Ltd, The Minster, 58 Portman Rd, Reading, Berkshire, RG3 1EA, U.K. Tel: 01734 575666. *Data acquisition cards*

Kent Industrial Measurements Ltd, Oldends Lane, Stonehouse, Gloucestershire, GL10 3TA, U.K. Tel: 01453 826661. Fax: 01453 826358.

Laboratory Technologies Ltd, 400 Research Drive, Wilmington, MA 01887, U.S.A. Tel: +1 617 657 5400. *Data acquisition cards*

Marine Microsystems, Capwell Works, Kinsale Road, Cork, Ireland. Tel: +353 21-965408. Fax: +353 21-96556. *Hydrographic surveying*

Marsh McBirney, 8595 Grovemont Circle, Gaithersburg, MD 20760, U.S.A. Tel: +1 301 869-4700. *via Explorocean Technology Ltd, Charwell House, Lincoln Way, Sunbury-on-Thames, Middlesex, TW16 7HN, U.K. Tel: 01932 87411. Current meters*

Metabyte Corp, 440 Myles Standish Blvd, Taunton, MA 02780, U.S.A. Tel: +1 508 880 3000. *Data acquisition cards*

Miros a/s, Solbraveien 47, PO Box 364, N-1371 Asker, Norway. Tel: +47 2 79 55 60. UK: Liros Ltd, Unit

19, Britannia Estate, Colnbrook, Berkshire, SL3 0BH, U.K. Tel: 01754 46966.

National Instruments Corp, UK Office: Unit 21, Kingfisher Court, Hambridge Road, Newbury, Berks, RG14 5SJ, U.K. Tel: 01635 523543. *Data acquisition cards*

NBA Environmental Systems Ltd, Invincible Road, Farnborough, Hants, GU14 7QU, U.K. Tel: 01252 514335/6/7. Fax: 01252 521912. *Current meters, wave recorders, telemetry, tide gauge, water level recorder*

Neil Brown Instrument Systems Inc, PO Box 498, 1140 Rte 28A, Cataumet, MA 02534, U.S.A. Tel: +1 617 563-9317. *Current meters, water chemistry sensors*

NSW Offshore Ltd, 18 Little Belmont Street, Aberdeen, AB1 1JG, U.K. Tel: 01224 632600. Fax: (01224) 644760. *Current meters, water chemistry sensors*

Oceano Instruments, 3 Rue Galvani, 91300 Massy, France. Tel: +33 64 47 19 19. Fax: +33 64 47 19 32. 9 New Broompark, Granton Park Ave., Edinburgh, EH15 1RS, U.K. Tel: 0131 5520303. Fax: 0131 5526619. *Current meters, pressure sensors*

OTT Gmbh, Jagerstr. 4-12, PO Box 2120, 8960 Kempten, Germany. Tel: +49 (0831) 25566. *via Smail & Co Ltd, 129 Whitefield Rd, Glasgow, G51 1SF, U.K. Tel: 0141 445 4431. Accessories, current meters, depth sensors, suspension sensors*

RMCS, Royal Military College of Science, Applied and Computational Mathematics, Shrivenham, Swindon, Wilts, SN6 8LA, U.K. Tel: 01793 785317.

Salzgitter Elektronik Gmbh, PO Box 160, D2302 Flintbek, Germany. Tel: +49 4347 9080. Fax: +49 4347 908697. *Current meters*

Scientific Solutions Inc., 6225 Cochran Road, Solon, OH 44139-3377, U.S.A. Tel: +1 216 349 3377. UK Tel: 01889 562275. *Data acquisition cards*

Seadata Corporation, 153 California Street, Newton, MA 02158, U.S.A. Tel: +1 (617) 2444-3216.

Seatex a/s, PO Box 1961, Moholtan, N-7001 Trondheim, Norway. Tel: +47794 20 25. Fax: +477 93 33 11. *Wave recorder*

Sensordata a/s, PO Box 88, 5095, Ulset, Bergen, Norway. Tel: +47 5-18 18 57. *via WS Ocean Systems as below. Current meters*

Simrad Optonics a/s, PO Box 6114, Etterstad, 0602 Oslo 6, Norway. Tel: +47 2 67 04 90. 49 High Street, Kingston upon Thames, KT1 1LQ, U.K. Tel: 0181 549 9200. *Current meters*

SR&D: Sonar Research & Development, Unit 1B, Grovehill Industrial Estate, Beverley, North Humberside, HU17 0JW, U.K. Tel: 01482 869559. *Tide gauges*

Strawberry Tree Inc., 160 South Wolfe Rd, Sunnyvale, CA 94086, U.S.A. Tel: +408 736 8800. *Data acquisition cards*

Suber, Sainte Anne Du Portzic, 29200 Brest, France. Tel: +33 (98) 45 85 10. *Current meters, tide gauges*

Tamo Ltd, St Lawrence House, Uxbridge Road, Hillingdon, Middlesex, UB10 0NW, U.K. Tel: 0181 573-1597. Fax: 0181 848-0117. *Current meters*

TSI Inc., 500 Cardigan Rd, PO Box 64394, St Paul, MN 55164, U.S.A. Tel: +1 612 483 0900. Fax: +1 612 481 1220. *via BIRAL*, PO Box 2, Portishead, Bristol, BS20 9JB, U.K. Tel: 0117 9847787. Fax: 0117 9847303. *Anemometers, current meters*

Unkel Software Inc., 62 Bridge Stm, Lexington, MA 02173, U.S.A. Tel: +617 861 0181. *Data acquisition cards*

Vaisala (UK) Ltd, Cambridge Science Park, Milton Road, Cambridge, CB4 4BH, U.K. Tel: 01223 420112. Fax: 01223 420988. *Instruments and systems for the measurement of meteorological parameters*

Valeport Marine Scientific Ltd, Unit 7, Townstall Industrial Estate, Dartmouth, Devon, TQ6 9LX, U.K. Tel: 01803 834031. Fax: 01803 834320. *Current meters*

Wavemaking Technology Consortium. Keelavite Ltd, Birmingham Rd, Allesley, Coventry, CV5 9AX, U.K. Tel: 01676 22441. Fax: 01676 22212.

WS Ocean Systems, Unit 4, Omni Business Centre, Omega Park, Alton, Hants, GU34 2QD, U.K. Tel: 01420 541555. Fax: 01420 541499. *Current meters, tide gauges, water chemistry sensors*

Wykeham Farrance, Weston Road, Slough, SL1 4HW, U.K. Tel: 01753 71241.